

**RESOURCE EFFICIENT CONTENT MANAGEMENT AND DELIVERY  
WITHOUT USING A FILE SYSTEM**

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**ABSTRACT OF THE INVENTION**

A resource efficient content management and delivery system includes a pack manager (120) and one or more loadable packs (114). The pack manager (120) provides the control for the loading and unloading of packs from memory, such as flash memory (112) or any other nonvolatile memory. The pack manager (120) also keeps a master pointer table (304) which is used to access the different packs (114) loaded into radio (100). The content download method using the pack method of the present invention provides much needed flexibility and a potential reduction of memory requirements, since data can be downloaded into the radio (100) very easily and the technique can Execute in Place (XIP) which is not supported by prior art FDI file techniques. The data provided by packs (114) does not require the radio (100) to be powered off and on in order to use the data, making the content download system very useful for numerous applications.